

Claims

1. A computer system for generating source code, said computer system comprising:

a generator dictionary associating a generator routine with a generator identity, said generator identity identifying a code generator; and

5 a code generation framework tool wherein said code generation framework tool, responsive to a request for an invocation of said generator routine, invokes said code generator identified by said generator identity associated with said generator routine.

2. The computer system of claim 1 wherein said generator dictionary comprises a plurality of generator routines, each of said generator routines associated with a generator identity.

10 3. The computer system of claim 1 wherein said generator dictionary comprises a text file.

4. The computer system of claim 1 wherein said generator routine comprises a logical generator name.

5. The computer system of claim 1 wherein said code generation framework tool retrieves from said generator dictionary said generator identity responsive to said request.

15 6. A method for generating source code from input data, said method comprising:

responsive to a request for invoking a generator routine, identifying a code generator associated with said generator routine;

passing said input data to said code generator identified, said code generator generating source code.

20 7. The method of claim 6 wherein said identifying comprises:

retrieving from a generator dictionary code generator identity data associated with said generator routine.

8. The method of claim 7 wherein identifying further comprises:
prior to said retrieving, locating said generator routine in said generator dictionary.

9. The method of claim 7 wherein said generator dictionary comprises a lookup table.

10. The method of claim 7 wherein said generator dictionary comprises a text file.

5 11. A method of generating source code for a first and a second deployment environment from a single input, said method comprising:

invoking a first code generator to generate source code for said first deployment environment from said single input, said first code generator identified by retrieving code generator identity data from a generator dictionary based on a generator routine;

10 modifying said generator dictionary to associate a second code generator with said generator routine; and

invoking said second code generator to generate source code for said second deployment environment from said single input, said second code generator identified by retrieving code generator identity data from said generator dictionary based on said generator routine.
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12. The method of claim 11 wherein said invoking said first code generator comprises a call issued by one of a code generation framework tool and a code generator; and wherein said invoking said first code generator comprises a call issued by one of said code generation framework tool and a code generator.

20 13. The method of claim 11 wherein said modifying comprises editing said generator dictionary.

14. A generator dictionary comprising:

a plurality of generator routines, each of said generator routines association with code generator identity data.

15. A code generation framework tool comprising:

5 a receiver for receiving input data;

a generator dictionary accessor for retrieving data from a generator dictionary; and

an invoking mechanism for calling a code generator; and

10 wherein, responsive to a receipt of input data at said receiving, said invoking mechanism calls a code generator identified by identity data retrieved by said generator dictionary accessor from a generator dictionary.

16. The code generation framework tool of claim 15 further comprising:

a data dictionary associating a generator routine with identity data identifying a code generator.

17. The code generation framework tool of claim 16 wherein said generator dictionary accessor
15 identifies a generator routine within said input data received and wherein said code generator identified is determined by retrieving said identity data associated with said generator routine identified.

18. A computer readable medium storing instructions and data, said instructions and data for adapting a computer system to:

20 responsive to a request for invoking a generator routine, identify a code generator associated with said generator routine;

pass said input data to said code generator identified, said code generator generating source code.

19. The method of claim 18 wherein said instructions and data adapting said computer system to identify said code generator comprises adapting said computer system to:

5 retrieve from a generator dictionary code generator identity data associated with said generator routine.

20. The method of claim 18 wherein said instructions and data adapting said computer system to identify said code generator comprises adapting said computer system to:

prior to said retrieving, locate said generator routine in said generator dictionary.

10 21. The method of claim 18 wherein said generator dictionary comprises a lookup table.

22. The method of claim 18 wherein said generator dictionary comprises a text file.